



Foreign Agricultural Service

GAIN Report

Global Agriculture Information Network

Scheduled Report - public distribution

Date: 5/27/1999

GAIN Report #DA9008

Denmark

Oilseeds and Products

1999

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Report Highlights:

Danish oilseed crushing facilities are limited to 385,000 tons. The balance meal needs of 2,200,000 tons are imported, mainly from Argentina and Brazil.

Includes PSD changes: Yes
Includes Trade Matrix: Yes
Annual Report
Copenhagen [DA1], DA

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Executive Summary

Denmark's oilseed complex consists principally of locally produced rapeseed, fish meals, and fish and rapeseed oils. In addition, Denmark imports soybeans, soybean and sunflower-seed meals and soybean and palm oil. Oilseed exports consist of only small shipments of rapeseed, while meal exports consist entirely of fish meal. Denmark's local production of oil meals accounts for only about 10 percent of domestic consumption requirements. Most of the deficits are covered with imported soybean meal.

Continuing the trend of recent years, Denmark's area devoted to rapeseed has decreased rapidly to almost half the area permitted by EU. Non-food rapeseed production is forecast to only 10,000 hectares. Only considerable increases in EU set-aside requirements would substantially reverse this development. However, we do not expect such increases in set-aside area.

Cotton seed meal imports have stopped due to risk of aflatoxin, imports of sunflower-seed meals have remained stable. Soybean meal imports have increased by 23 percent, mainly due to lower prices. Oilseed meal imports for 1998/99 are forecast to remain stable. Total oilmeal consumption remains unchanged. The minor drop in size of the dairy cattle herd is balanced by a corresponding increase in pig numbers and by increased efficiency in pig growth.

Imports of corn distilling by-products (code 2303.30.00) is rapidly growing from 34,172 tons in 1995 to 142,802 tons in 1997 (all from U.S.) and 276,000 tons in 1998 (mainly from Argentina).

Denmark imports, for its maximum crushing capacity, annually about 75,000 tons soybeans for protein production. Denmark's labeling requirements for GMO soybeans have forced the importer, a subsidiary of Central Soy company, Fort Wayne, Indiana, to import GMO free soybeans (from Canada) for its Danish and most of its European protein sales. At present, there are no labeling requirements for feed produced from GMO seeds (e.g., soybean meals).

The average exchange rate in 1997: U.S. \$1.00 = DKK 6.60

1996: U.S. \$1.00 = DKK 6.70

May 1998: U.S. \$1.00 = DKK 6.99

NOTE RE TRADE STATISTICS: Reported imports of oilseeds and products from the Netherlands and Germany are most probably imported from third countries. Country of origin is lost during the statistical reporting system.

Narrative

Total Oilseeds

Production

The only important oilseed crop grown in Denmark is rapeseed. The area devoted to rapeseed in 1999/2000 is forecast at 135,000 hectares -- down from the 1991/92 peak of 280,000 hectares — which far below the EU determined upper limit for Denmark of 200,000 hectares plus rapeseed on set-aside land for non-food uses. The area for non-food rapeseed is estimated to be 10,000 hectares. In addition to rapeseed, Denmark is also growing other oil-bearing crops than rapeseed such as flax, mustard and poppy, but none is expected to have any significant impact on total oilseed production. However, the total area devoted to these crops constitute less than 1,000 hectares.

Consumption

The Danish crushing capacity for either sunflower-seed or rapeseed corresponds to a total of 385,000 tons. The division between these two crops are determined by prices and feed formulas. In 1998, the mills crushed 305,000 tons of rapeseed and 82,000 tons of sunflower-seed. In addition, Aarhus Olie with a crushing capacity of 200,000 tons has changed to solely crushing shea nuts and discontinued rapeseed crushing. Imports of shea nuts is not published for competition reasons.

Danish soybean crushing capacity is limited to 75,000 tons, all for soybean protein production.

Trade

Danish rapeseed areas and harvest have decreased during the last several years to far less than half traditional production levels. This has, in recent years, necessitated considerable imports.

Policy

Round-up Ready Soybeans

There are no restrictions on imports of Round-up Ready Soybeans (RRS). However, all retail sales of Round-up Ready Soybeans or products derived hereof, including proteins and oils and products containing such, should be labeled as containing gene modified organisms (GMO's) provided that the GMO's are detectable.

In order to avoid such labeling, the industries, and especially the retailers, have so far succeeded in avoiding products made with RRS. Few products, which have been suspected for having contained RRS products, have immediately been withdrawn from the market. Most food producers have completely substituted soy protein with other proteins (including meat).

The sole Danish importer of soybeans, Central Soya Aarhus A/S, a subsidiary of Central Soya, Fort Wayne, Indiana, currently imports soybeans from Canada, which they claim are non-GMO, for the Danish market.

Canadian market share is currently almost 30 percent, compared to U.S.'s share of almost 50 percent, but down from historical 100 percent.

The GMO debate in Denmark has essentially prevented the food industry from using soy protein in their products at all. Central Soya Aarhus present experience is that some, although not all, of their EU customers are substituting soy protein with other proteins.

Gene Modified Rapeseed

The Danish major seed company, DLF-Trifolium, is carrying out field experiments with a hybrid rapeseed which is also Basta resistant, although this is not the subject of the experiment. Field experiments require approval of the Ministry of Environment Protection, and are normally granted. It is estimated that marketing of the seeds will take place in about three years. Marketing the seed will require another approval from the Ministry.

Another Danish company, Danisco, is conducting field experiments with Round-up resistant rapeseed in Canada.

Total Meals

Production

Soymeal production is determined by the existing crushing capacity (approximately 80,000 metric tons) and is not expected to change substantially in the coming years. Rapeseed meal and sunflower meal production is expected to remain stable.

Fish meal production depends on catches which vary from year to year. Fish meal production is forecast to decline slightly in 1999 due to reduced catch in the early part of the year.

Consumption

Consumption of meals is rather stable. Minor decreases in dairy cattle feed consumption is offset by corresponding increases in pork feed consumption. However, grain has over the recent years constituted an increasing part of the feed rations. With decreasing grain prices transport cost of grain can not justify transport to the mills and an increasing number of (large) farms now produce their own feed rations, using their own grain and supplementing with protein and minerals from the feed mills. Rapeseed and sunflower seeds are dominant in cattle rations which normally contain only 10 percent soybean meal. Pork rations, on the other hand, normally contains 25 percent soybean meal (and 65 to 70 percent grain).

All meals are highly replaceable and in a competitive market situation, even small differences can have a great influence. Basically, all domestically produced soybean meals are processed further into a special protein used in the food sector.

The feed value of cottonseed feed has been re-evaluated and is now not considered as valuable as previously thought. Consequently, cottonseed imports have almost stopped.

Trade

Argentina and Brazil have become large suppliers of oil meals. In principle, soybean meals should be imported from Brasil March to June, from July to September from Argentina and from September from U.S. However, direct imports from the U.S. are almost nonexistent -- reportedly due to noncompetitive prices and quality (less fat content compared to South American meals). Exports are insignificant and consist primarily of fishmeal.

Soybean meal is by far the cheapest protein source for feed rations and is currently being incorporated into feeds up to maximum variable levels, presently 73 percent of all meal imports. About 75 percent is direct shipments from Argentina and Brazil. In addition to this, there are meals which are imported through Germany and the Netherlands and, as a result, lose their country of origin identity.

Seventy-seven percent of all sunflower meals are imported from Argentina and are reported to contain 32-38 percent protein and fat compared to only 30 percent in meals from the U.S. Substantial imports are now coming from Central and East European countries, such as Ukraine, Romania and Russia.

Marketing

The U.S. share of the Danish oilseed market is almost negligible with the exception of corn distilling by-products, a growing market. Only small amounts of soybean meal are being imported. Denmark uses about 1.6 million MTs of soybean meal of which the U.S. market share stands at about 4 percent. Except for common EU trade barriers, competition for the Danish import market is influenced by products of Argentine and Brazilian origin which are cheaper than exports from the U.S.

Policy

Danish acceptance levels of aflatoxin have traditionally been among the highest in the EU but are now being reduced. Danish dairies no longer accept the traditional high levels in their milk deliveries. A lower tolerance level of aflatoxin may enhance the U.S. market position.

The feed companies (importers) are now being approached by the Danish slaughterhouses (also pork exporters) for ensuring GMO-free oilseed meals. Their UK customers are the first to require this. The feed suppliers are now investigating the possibilities for ensuring such non-GMO supplies.

The Danish dairies have declared that they will not take milk from cows fed with GMO fodder beets from research trial fields. The next step might be that the slaughterhouses might come out with a similar announcement, refusing to accept pork have been fed with GMO feed. The retailers too, might eventually want such guarantees as well.

Total Oils

Production

Oils from oilseeds are determined by the crushing capacity. Production of fish oil varies according to catches. The first month of the catches starting in April 1999 indicates a production below normal.

Consumption

The use of oil in the food industry is expected to continue to remain high. Large tonnages of rapeseed and, especially, palm oil have been incorporated in mixes due to their price competitiveness. On a larger or smaller scale, all oils can be substituted, meaning that users can quickly shift from one to another to make the most profitable mix.

Statistical Information

Oilseed, Rapeseed

PSD Table						
Country	Denmark					
Commodity	Oilseed, Rapeseed				(1000 HA)(1000 MT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		07/1997		07/1998		07/1999
Area Planted	115	0	115	120	0	135
Area Harvested	104	0	120	112	0	130
Beginning Stocks	0	0	0	0	0	0
Production	293	0	330	359	0	390
MY Imports	75	0	150	105	0	100
MY Imp. from U.S.	0	0	0	0	0	0
MY Imp. from the EC	70	0	130	85	0	75
TOTAL SUPPLY	368	0	480	464	0	490
MY Exports	45	0	60	45	0	45
MY Exp. to the EC	45	0	60	45	0	45
Crush Dom. Consumption	233	0	320	329	0	310
Food Use Dom. Consump.	0	0	0	0	0	0
Feed,Seed,Waste Dm.Cn.	90	0	100	90	0	90
TOTAL Dom. Consumption	323	0	420	419	0	400
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	368	0	480	464	0	445
Calendar Year Imports	75	0	150	85	0	85
Calendar Yr Imp. U.S.	0	0	0	0	0	0
Calendar Year Exports	42	0	55	45	0	45
Calndr Yr Exp. to U.S.	0	0	0	0	0	0

Prices Table			
Country	Denmark		
Commodity	Oilseed, Rapeseed		
Prices in	DKK	per uom	Metric Tons
Year	1998	1999	% Change
Jan	1871	1607	-14.11%
Feb	1962	1689	-13.91%
Mar	2053	1654	-19.43%
Apr	2130		-100.00%
May	2137		-100.00%
Jun	2049		-100.00%
Jul	1799		-100.00%
Aug	1578		-100.00%
Sep	1599		-100.00%
Oct	1526		-100.00%
Nov	1566		-100.00%
Dec	1612		-100.00%
Exchange Rate	6.98	Local currency/US \$	

Export Trade Matrix			
Country	Denmark		
Commodity	Oilseed, Rapeseed		
Time period	CY	Units:	Metric Tons
Exports for:	1997		1998
U.S.	0	U.S.	
Others		Others	
Germany	28560	Germany	31353
UK	7320	UK	2119
Sweden	3397	Sweden	9074
Netherlands	2480	Netherlands	2610
Total for Others	41757		
Others not Listed	33		23
Grand Total	41790		45179

Import Trade Matrix			
Country	Denmark		
Commodity	Oilseed, Rapeseed		
Time period	CY	Units:	Metric Tons
Imports for:	1997		1998
U.S.	0	U.S.	0
Others		Others	
Germany	31865	Germany	50159
France	13661	France	18235
UK	5406	Russia	7227
Sweden	2331	Lithuania	3314
Belarius	2100	Poland	3490
Lithuania	1370	Ukraine	1430
Poland	1093		
Total for Others	57826		83855
Others not Listed	782		1027
Grand Total	58608		84882

Oilseed, Soybean

PSD Table						
Country	Denmark					
Commodity	Oilseed, Soybean				(1000 HA)(1000 MT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		10/1997		10/1998		10/1999
Area Planted	0	0	0	0	0	0
Area Harvested	0	0	0	0	0	0
Beginning Stocks	1	0	1	0	1	0
Production	0	0	0	0	0	0
MY Imports	76	77	80	75	0	75
MY Imp. from U.S.	52	0	40	0	0	0
MY Imp. from the EC	0	0	0	0	0	0
TOTAL SUPPLY	77	77	81	75	1	75
MY Exports	0	0	0	0	0	0
MY Exp. to the EC	0	0	0	0	0	0
Crush Dom. Consumption	76	77	80	75	0	75
Food Use Dom. Consump.	0	0	0	0	0	0
Feed,Seed,Waste Dm.Cn.	0	0	0	0	0	0
TOTAL Dom. Consumption	76	77	80	75	0	75
Ending Stocks	1	0	1	0	0	0
TOTAL DISTRIBUTION	77	77	81	75	0	75
Calendar Year Imports	77	75	80	90	0	75
Calendar Yr Imp. U.S.	41	41	40	41	0	40
Calendar Year Exports	0	0	0	0	0	0
Calndr Yr Exp. to U.S.	0	0	0	0	0	0

Export Trade Matrix			
Country	Denmark		
Commodity	Oilseed, Soybean		
Time period	CY	Units:	Metric Tons
Exports for:	1997		1998
U.S.		U.S.	
Others		Others	
		UK	352
		Iceland	219
		Finland	63
Total for Others	0		634
Others not Listed			47
Grand Total	0		681

Import Trade Matrix			
Country	Denmark		
Commodity	Oilseed, Soybean		
Time period	CY	Units:	Metric Tons
Imports for:	1997		1998
U.S.	41036	U.S.	43614
Others		Others	
Canada	24952	Canada	26250
Netherlands	6300	Netherlands	9575
Brasil	3000	Brasil	2000
Germany	1437	Argentina	8375
			8375
Total for Others	35689		46200
Others not Listed			102
Grand Total	76725		89916

Meal, Rapeseed

PSD Table						
Country	Denmark					
Commodity	Meal, Rapeseed				(1000 MT)(PERC ENT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		07/1997		07/1998		07/1999
Crush	233	233	320	329	0	310
Extr. Rate, 999.9999	0.600858	0.622318	0.6	0.607903	ERR	0.612903
Beginning Stocks	0	0	0	0	0	0
Production	140	145	192	200	0	190
MY Imports	350	311	325	300	0	300
MY Imp. from U.S.	0	0	0	0	0	0
MY Imp. from the EC	150	175	150	300	0	300
TOTAL SUPPLY	490	456	517	500	0	490
MY Exports	25	42	25	35	0	35
MY Exp. to the EC	0	42	0	35	0	35
Industrial Dom. Consum	0	0	0	0	0	0
Food Use Dom. Consump.	0	0	0	0	0	0
Feed Waste Dom. Consum	465	414	492	465	0	455
TOTAL Dom. Consumption	465	414	492	465	0	455
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	490	456	517	500	0	490
Calendar Year Imports	350	320	325	316	0	300
Calendar Yr Imp. U.S.	0	0	0	0	0	0
Calendar Year Exports	20	41	25	34	0	35
Calndr Yr Exp. to U.S.	0	0	0	0	0	0

Export Trade Matrix			
Country	Denmark		
Commodity	Meal, Rapeseed		
Time period	CY	Units:	Metric Tons
Exports for:	1997		1998
U.S.	0	U.S.	0
Others		Others	
Sweden	41439	Sweden	34082
Total for Others	41439		34082
Others not Listed			291
Grand Total	41439		34373
Import Trade Matrix			
Country	Denmark		
Commodity	Meal, Rapeseed		
Time period	CY	Units:	Metric Tons
Imports for:	1997		1998
U.S.	0	U.S.	0
Others		Others	
Poland	121102	Poland	78964
UK	108049	UK	95686
Germany	91308	Germany	125573
Total for Others	320459		300223
Others not Listed			15734
Grand Total	320459		315957

Meal, Soybean

PSD Table						
Country	Denmark					
Commodity	Meal, Soybean				(1000 MT)(PERC ENT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		10/1997		10/1998		10/1999
Crush	76	77	80	75	0	75
Extr. Rate, 999.9999	0.828947	0	0.8375	0.84	ERR	0.84
Beginning Stocks	0	0	0	0	0	0
Production	63	0	67	63	0	63
MY Imports	1463	0	1500	1600	0	1700
MY Imp. from U.S.	100	0	100	100	0	100
MY Imp. from the EC	335	0	350	350	0	350
TOTAL SUPPLY	1526	0	1567	1663	0	1763
MY Exports	28	0	0	0	0	0
MY Exp. to the EC	22	0	0	0	0	0
Industrial Dom. Consum	0	0	0	0	0	0
Food Use Dom. Consump.	30	0	30	30	0	30
Feed Waste Dom. Consum	1468	0	1537	1633	0	1733
TOTAL Dom. Consumption	1498	0	1567	1663	0	1763
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	1526	0	1567	1663	0	1763
Calendar Year Imports	1460	0	1500	1700	0	1700
Calendar Yr Imp. U.S.	93	0	100	100	0	100
Calendar Year Exports	29	0	0	50	0	0
Calndr Yr Exp. to U.S.	0	0	0	0	0	0

Prices Table			
Country	Denmark		
Commodity	Meal, Soybean		
Prices in	DKK	per uom	Metric tons
Year	1998	1999	% Change
Jan	2112	1341	-36.51%
Feb	1948	1344	-31.01%
Mar	1832	1336	-27.07%
Apr	1784		-100.00%
May	1649		-100.00%
Jun	1554		-100.00%
Jul	1469		-100.00%
Aug	1344		-100.00%
Sep	1259		-100.00%
Oct	1227		-100.00%
Nov	1255		-100.00%
Dec	1364		-100.00%
Exchange Rate	6.98	Local currency/US \$	

Export Trade Matrix			
Country	Denmark		
Commodity	Meal, Soybean		
Time period	CY	Units:	Metric Tons
Exports for:	1997		1998
U.S.	0	U.S.	0
Others		Others	
Sweden	12930	Sweden	16390
Germany	8201	Lithuania	14259
Russia	2389	Germany	7619
France	1284	Russia	6750
		Latvia	4550
		Estonia	1800
		Faroe Islands	1894
Total for Others	24804		53262
Others not Listed	3832		3407
Grand Total	28636		56669

Import Trade Matrix			
Country	Denmark		
Commodity	Meal, Soybean		
Time period	CY	Units:	Metric Tons
Imports for:	1997		1998
U.S.	93457	U.S.	64113
Others		Others	
Argentina	441389	Argentina	562984
Brasil	445359	Brasil	657115
Germany	246879	Germany	280742
Netherlands	74524	Netherlands	43177
Total for Others	1208151		1544018
Others not Listed	6863		6829
Grand Total	1308471		1614960

Meal, Cottonseed

PSD Table						
Country	Denmark					
Commodity	Meal, Cottonseed				(1000 MT)(PERC ENT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		10/1997		10/1998		10/1999
Crush	0	0	0	0	0	0
Extr. Rate, 999.9999	ERR	ERR	ERR	ERR	ERR	ERR
Beginning Stocks	0	0	0	0	0	0
Production	0	0	0	0	0	0
MY Imports	35	1	25	0	0	0
MY Imp. from U.S.	0	0	0	0	0	0
MY Imp. from the EC	0	0	0	0	0	0
TOTAL SUPPLY	35	1	25	0	0	0
MY Exports	0	0	0	0	0	0
MY Exp. to the EC	0	0	0	0	0	0
Industrial Dom. Consum	0	0	0	0	0	0
Food Use Dom. Consump.	0	0	0	0	0	0
Feed Waste Dom. Consum	35	1	25	0	0	0
TOTAL Dom. Consumption	35	1	25	0	0	0
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	35	1	25	0	0	0
Calendar Year Imports	35	0	25	0	0	0
Calendar Yr Imp. U.S.	0	0	0	0	0	0
Calendar Year Exports	0	0	0	0	0	0
Calndr Yr Exp. to U.S.	0	0	0	0	0	0

Export Trade Matrix			
Country	Denmark		
Commodity	Meal, Cottonseed		
Time period	CY	Units:	Metric Tons
Exports for:	1997		1998
U.S.		U.S.	
Others		Others	
Total for Others	0		0
Others not Listed	52		
Grand Total	52		0

Import Trade Matrix			
Country	Denmark		
Commodity	Meal, Cottonseed		
Time period	CY	Units:	Metric Tons
Imports for:	1997		1998
U.S.		U.S.	
Others		Others	
Uzbekistan	8258	Kazakhstan	1100
Kazakhstan	3546		
Russia	1525		
Ukraine	1420		
Total for Others	14749		1100
Others not Listed	1008		
Grand Total	15757		1100

Meal, Sunflower-Seed

PSD Table						
Country	Denmark					
Commodity	Meal, Sunflower- seed				(1000 MT)(PERC ENT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		10/1997		10/1998		10/1999
Crush	0	0	0	0	0	0
Extr. Rate, 999.9999	ERR	ERR	ERR	ERR	ERR	ERR
Beginning Stocks	0	0	0	0	0	0
Production	0	0	0	0	0	0
MY Imports	250	312	320	250	0	250
MY Imp. from U.S.	0	0	0	0	0	0
MY Imp. from the EC	10	6	10	0	0	0
TOTAL SUPPLY	250	312	320	250	0	250
MY Exports	0	0	0	0	0	0
MY Exp. to the EC	0	0	0	0	0	0
Industrial Dom. Consum	0	0	0	0	0	0
Food Use Dom. Consump.	0	0	0	0	0	0
Feed Waste Dom. Consum	250	312	320	250	0	250
TOTAL Dom. Consumption	250	312	320	250	0	250
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	250	312	320	250	0	250
Calendar Year Imports	250	320	310	276	0	250
Calendar Yr Imp. U.S.	0	1	0	1	0	0
Calendar Year Exports	0	0	0	0	0	0
Calndr Yr Exp. to U.S.	0	0	0	0	0	0

Export Trade Matrix			
Country	Denmark		
Commodity	Meal, Sunflower-seed		
Time period	CY	Units:	Metric Tons
Exports for:	1997		1998
U.S.	0	U.S.	
Others		Others	
Total for Others	0		0
Others not Listed	55		
Grand Total	55		0

Import Trade Matrix			
Country	Denmark		
Commodity	Meal, Sunflower-seed		
Time period	CY	Units:	Metric Tons
Imports for:	1997		1998
U.S.	1363	U.S.	1000
Others		Others	
Argentina	226716	Argentina	213083
Ukraine	52640	Ukraine	32735
Romania	20091	Romania	4370
Lithuania	2359	Lithuania	1924
Germany	2359	Germany	2872
Netherlands	2719	Netherlands	2794
Russia	8434	Russia	12657
Uzbekistan	1940		
Poland	1165		
Total for Others	318423		270435
Others not Listed			5193
Grand Total	319786		276628

Meal, Fish

PSD Table						
Country	Denmark					
Commodity	Meal, Fish				(1000 MT)(PERCENT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		01/1997		01/1998		01/1999
Catch For Reduction	1700	1570	1700	1493	0	1400
Extr. Rate, 999.9999	0.19	0.217197	0.191176	0.217013	ERR	0.210714
Beginning Stocks	37	26	20	15	20	8
Production	323	341	325	324	0	295
MY Imports	90	95	85	94	0	100
MY Imp. from U.S.	0	0	0	0	0	0
MY Imp. from the EC	25	15	15	21	0	20
TOTAL SUPPLY	450	462	430	433	20	403
MY Exports	302	309	260	302	0	268
MY Exp. to the EC	120	135	140	151	0	162
Industrial Dom. Consum	0	0	0	0	0	0
Food Use Dom. Consump.	0	0	0	0	0	0
Feed Waste Dom. Consum	128	138	150	123	0	125
TOTAL Dom. Consumption	128	138	150	123	0	125
Ending Stocks	20	15	20	8	0	10
TOTAL DISTRIBUTION	450	462	430	433	0	403
Calendar Year Imports	355	87	355	94	0	100
Calendar Yr Imp. U.S.	0	0	0	0	0	0
Calendar Year Exports	290	286	290	302	0	300
Calndr Yr Exp. to U.S.	0	0	0	0	0	0

Export Trade Matrix			
Country	Denmark		
Commodity	Meal, Fish		
Time period	CY	Units:	Metric Tons
Exports for:	1997		1998
U.S.	52	U.S.	854
Others		Others	
Norway	56075	Norway	63926
Italy	42203	Italy	45989
Greece	26120	Greece	28702
Netherlands	20889	Netherlands	23300
Spain	16355	Spain	15926
Indonesia	11828	Indonesia	5644
Finland	9850	Finland	9008
Belgium	9153	Belgium	9417
Taiwan	7531	Japan	10298
South Korea	6033	Syria	9994
Total for Others	206037		222204
Others not Listed	80145		79004
Grand Total	286234		302062

Import Trade Matrix			
Country	Denmark		
Commodity	Meal, Fish		
Time period	CY	Units:	Metric Tons
Imports for:	1998		1999
U.S.		U.S.	
Others		Others	
Iceland	58665	Iceland	45956
Germany	11169	Germany	6023
Norway	6214	Norway	17069
Faroe Islands	3946	Faroe Islands	8547
Sweden	1999	Sweden	9837
Total for Others	81993		87432
Others not Listed			6790
Grand Total	81993		94222

Oil, Rapeseed

PSD Table						
Country	Denmark					
Commodity	Oil, Rapeseed				(1000 MT)(PERC ENT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		07/1997		07/1998		07/1999
Crush	233	233	320	329	0	310
Extr. Rate, 999.9999	0.399142	0.407725	0.396875	0.407295	ERR	0.406452
Beginning Stocks	0	0	0	0	0	0
Production	93	95	127	134	0	126
MY Imports	45	50	25	50	0	50
MY Imp. from U.S.	0	0	0	50	0	0
MY Imp. from the EC	45	50	25	50	0	50
TOTAL SUPPLY	138	145	152	184	0	176
MY Exports	85	60	75	99	0	91
MY Exp. to the EC	40	47	30	80	0	70
Industrial Dom. Consum	18	20	30	20	0	20
Food Use Dom. Consump.	35	65	47	65	0	65
Feed Waste Dom. Consum	0	0	0	0	0	0
TOTAL Dom. Consumption	53	85	77	85	0	85
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	138	145	152	184	0	176
Calendar Year Imports	45	47	25	55	0	50
Calendar Yr Imp. U.S.	0	0	0	0	0	0
Calendar Year Exports	85	77	75	60	0	60
Calndr Yr Exp. to U.S.	0	0	0	0	0	0

Export Trade Matrix			
Country	Denmark		
Commodity	Oil, Rapeseed		
Time period	CY	Units:	Metric Tons
Exports for:	1997		1998
U.S.		U.S.	
Others	0	Others	0
Netherlands	28699	Netherlands	23633
China	13689	China	2001
Germany	13504	Germany	5330
Sweden	8542	Sweden	9620
Hong Kong	3986	UK	10143
UK	2000	India	3363
		North Korea	2392
Total for Others	70420		56482
Others not Listed	6227		3996
Grand Total	76647		60478

Import Trade Matrix			
Country	Denmark		
Commodity	Oil, Rapeseed		
Time period	CY	Units:	Metric Tons
Imports for:	1997		1998
U.S.	0	U.S.	0
Others		Others	
Germany	36680	Germany	44649
Netherlands	8822	Netherlands	9447
Total for Others	45502		54096
Others not Listed			956
Grand Total	45502		55052

Oil, Soybean

PSD Table						
Country	Denmark					
Commodity	Oil, Soybean				(1000 MT)(PERC ENT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		10/1997		10/1998		10/1999
Crush	76	77	80	75	0	75
Extr. Rate, 999.9999	0.171053	0.168831	0.175	0.186667	ERR	0.186667
Beginning Stocks	0	0	0	0	0	0
Production	13	13	14	14	0	14
MY Imports	35	32	30	30	0	30
MY Imp. from U.S.	0	0	0	0	0	0
MY Imp. from the EC	35	0	30	0	0	30
TOTAL SUPPLY	48	45	44	44	0	44
MY Exports	0	7	0	6	0	3
MY Exp. to the EC	0	6	0	6	0	3
Industrial Dom. Consum	0	0	0	0	0	0
Food Use Dom. Consump.	48	38	44	38	0	41
Feed Waste Dom. Consum	0	0	0	0	0	0
TOTAL Dom. Consumption	48	38	44	38	0	41
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	48	45	44	44	0	44
Calendar Year Imports	31	0	30	33	0	30
Calendar Yr Imp. U.S.	0	3	0	0	0	0
Calendar Year Exports	0	0	0	3	0	3
Calndr Yr Exp. to U.S.	0	0	0	0	0	0

Export Trade Matrix			
Country	Denmark		
Commodity	Oil, Soybean		
Time period	CY	Units:	Metric Tons
Exports for:	1997		1998
U.S.	0	U.S.	0
Others		Others	
Germany	244	Germany	877
Norway	451	Norway	392
Netherlands	876	Netherlands	321
Sweden	0	Sweden	214
Austria	470	Austria	213
Total for Others	2041		2017
Others not Listed	477		416
Grand Total	2518		2433

Import Trade Matrix			
Country	Denmark		
Commodity	Oil, Soybean		
Time period	CY	Units:	Metric Tons
Imports for:	1997		1998
U.S.	0	U.S.	0
Others		Others	
Germany	26715	Germany	29389
Netherlands	4284	Netherlands	3141
Total for Others	30999		32530
Others not Listed	372		641
Grand Total	31371		33171

Oil, Palm

PSD Table						
Country	Denmark					
Commodity	Oil, Palm				(1000 HA)(1000 TREES)(1000 MT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		10/1997		10/1998		10/1999
Area Planted	0	0	0	0	0	0
Area Harvested	0	0	0	0	0	0
Trees	0	0	0	0	0	0
Beginning Stocks	0	0	0	0	0	0
Production	0	0	0	0	0	0
MY Imports	70	89	70	100	100	100
MY Imp. from U.S.	0	0	0	0	0	0
MY Imp. from the EC	25	31	20	35	35	35
TOTAL SUPPLY	70	89	70	100	100	100
MY Exports	12	14	15	10	10	10
MY Exp. to the EC	8	11	12	8	8	8
Industrial Dom. Consum	0	0	0	0	0	0
Food Use Dom. Consump.	58	75	55	90	90	90
Feed Waste Consumption	0	0	0	0	0	0
TOTAL Dom. Consumption	58	75	55	90	90	90
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	70	89	70	100	100	100
Calendar Year Imports	63	63	70	107	105	0
Calendar Yr Imp. U.S.	0	0	0	0	0	0
Calendar Year Exports	13	13	15	9	10	10
Calndr Yr Exp. to U.S.	0	0	0	0	0	0

Export Trade Matrix			
Country	Denmark		
Commodity	Oil, Palm		
Time period	CY	Units:	Metric Tons
Exports for:	1997		1998
U.S.		U.S.	
Others		Others	
Germany	3279	Germany	2159
Netherlands	2543	Netherlands	586
Norway	1508	Norway	275
France	1334	France	1178
UK	1074	UK	2013
Sweden	486	Sweden	971
Ukraine	892	Ukraine	
Total for Others	11116		7182
Others not Listed	1928		1598
Grand Total	13044		8780

Import Trade Matrix			
Country	Denmark		
Commodity	Oil, Palm		
Time period	CY	Units:	Metric Tons
Imports for:	1997		1998
U.S.		U.S.	
Others		Others	
Malaysia	40388	Malaysia	47132
Netherlands	6273	Netherlands	22449
Germany	5506	Germany	11421
Indonesia	9333	Indonesia	14338
Total for Others	61500		95340
Others not Listed	1334		11408
Grand Total	62834		106748

Oil, Fish

PSD Table						
Country	Denmark					
Commodity	Oil, Fish				(1000 MT)(PERCENT)	
	Revised	1997	Preliminary	1998	Forecast	1999
	Old	New	Old	New	Old	New
Market Year Begin		01/1997		01/1998		01/1999
Catch For Reduction	1700	1570	1700	1493	0	1400
Extr. Rate, 999.9999	0.067059	0.059236	0.073529	0.0643	ERR	0.067857
Beginning Stocks	5	5	14	5	34	5
Production	114	93	125	96	0	95
MY Imports	15	25	25	14	0	15
MY Imp. from U.S.	0	0	0	0	0	0
MY Imp. from the EC	0	0	0	0	0	0
TOTAL SUPPLY	134	123	164	115	34	115
MY Exports	105	105	110	65	0	65
MY Exp. to the EC	70	64	70	50	0	0
Industrial Dom. Consum	0	0	0	0	0	0
Food Use Dom. Consump.	15	13	20	45	0	45
Feed Waste Dom. Consum	0	0	0	0	0	0
TOTAL Dom. Consumption	15	13	20	45	0	45
Ending Stocks	14	5	34	5	0	5
TOTAL DISTRIBUTION	134	123	164	115	0	115
Calendar Year Imports	125	26	125	14	0	30
Calendar Yr Imp. U.S.	0	0	0	0	0	0
Calendar Year Exports	130	105	125	65	0	50
Calndr Yr Exp. to U.S.	0	0	0	0	0	0

Export Trade Matrix			
Country	Denmark		
Commodity	Oil, Fish		
Time period	CY	Units:	Metric Tons
Exports for:	1997		1998
U.S.		U.S.	
Others		Others	
Norway	36789	Norway	14567
Netherlands	15784	Netherlands	8444
France	11542	France	11523
UK	9870	UK	6572
Italy	7166	Italy	9571
Germany	7427	Germany	1554
Finland	5822	Finland	4010
Greece	2731	Greece	2397
Spain	1812	Spain	4972
Japan	4029	Japan	1169
Total for Others	102972		64779
Others not Listed	1886		609
Grand Total	104858		65388

Import Trade Matrix			
Country	Denmark		
Commodity	Oil, Fish		
Time period	CY	Units:	Metric tons
Imports for:	1997		1998
U.S.		U.S.	
Others		Others	
Netherlands	10244	Netherlands	294
Sweden	5293	Sweden	6917
Iceland	3659	Iceland	2113
Faroe Islands	2538	Faroe Islands	0
Spain	2059	Spain	0
Norway	917	Norway	1912
Germany	711	Germany	2423
Total for Others	25421		13659
Others not Listed	265		192
Grand Total	25686		13851